

STATE OF CALIFORNIA
ENVIRONMENTAL PROTECTION AGENCY
DEPARTMENT OF TOXIC SUBSTANCES CONTROL

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| IN THE MATTER OF: |) Docket HWCA: SRPD03/04 SCC- 4305 |
| |) |
| Toppan Electronics, Inc. |) |
| 7770 Miramar Road |) CORRECTIVE ACTION |
| San Diego, CA 92126 |) CONSENT AGREEMENT |
| EPA ID# CAD 982412165 |) |
| |) Health and Safety Code |
| Respondent. |) Sections 25187 and 25200.14 |

INTRODUCTION

1. The Department of Toxic Substances Control (DTSC) and Toppan Electronics, Inc. (Respondent) enter to this Corrective Action Consent Agreement (Consent Agreement) and agree as follows:

1.1. Jurisdiction exists pursuant to Health and Safety Code (HSC) sections 25187 and 25200.14, which authorize DTSC to issue an order to require corrective action when DTSC determines that there is or may be a release of hazardous waste or hazardous waste constituents into the environment from a hazardous waste facility.

1.2. The parties enter into this Consent Agreement to avoid the expense of litigation and to carry out promptly the corrective action described below.

1.3. Respondent is the owner and operator of a hazardous waste facility located at 7770 Miramar Road, San Diego, California 92126 (Facility).

1.4. Respondent engages in the management of hazardous waste pursuant to a Permit by Rule issued by DTSC in 1992.

1.5. The terms used in this Consent Agreement are as defined in Section 66260.10 of Title 22 of the California Code of Regulations (Cal. Code Regs.), except as otherwise provided.

1.6. Respondent agrees to implement all approved workplans and to undertake all actions required by the terms and conditions of this Consent Agreement.

1.7. Respondent waives any right to request a hearing on this Consent Agreement pursuant to HSC section 25187.

FINDINGS OF FACT

DTSC alleges, but Respondent does not admit, the following:

2.1. Respondent operates five PBR units and one CE unit. On June 17, 1997, pursuant to Health and Safety Code section 25200.14, Respondent submitted a Phase I Environmental Assessment (Phase I) to DTSC. The Phase I identified that no further investigation is necessary. The County of San Diego CUPA conducted an inspection of the Facility in November 2001 and identified several violations. A Notice of Violation was issued on December 11, 2001. As a part of compliance the Respondent submitted an updated/amended Phase 1 Environmental Assessment Checklist, dated January 14, 2002. The inspection resulted in some soil investigation conducted in the plating areas and the analytical results collected from the CUPA identified elevated levels of metals (e.g. lead, copper). CUPA referred the Facility to the DTSC in April 2002.

2.2. On June 18, 2002, DTSC conducted a site inspection of the facility. Based on the information available, DTSC identified the following Solid Waste Management Units (SWMUs):

- SWMU #1. Chemical loading/unloading area (northeast corner of building)
- SWMU #2. Pattern Plate area, Hot oil drain pipe
- SWMU #3. Gold tab
- SWMU #4. Electroless
- SWMU #5. Carbon treatment tank
- SWMU #6. Chemical logistics storage area (northwest corner of building)
- SWMU #7. Wastewater treatment - vault and container storage area
- SWMU #8. West trench terminus (including drum wash
- SWMU #9. Plating trench
- SWMU #10. Batch treatment and chemical tank area
- SWMU #11. Ammonia etch tanks
- SWMU #12. Plating areas
- SWMU #13. Oxide area
- SWMU #14. Screen cleaning area
- SWMU #15. Liquid photo image and DF preparation & development areas
- SWMU #16. Trenches
- SWMU #17. Thermal mask screening and thermal mask cure areas
- SWMU #18. Fabrication and cleaning area

SWMU #19. Etching areas

SWMU #20. Driveway and parking areas

2.3. DTSC concludes that further investigation is needed to determine the nature and extent of hazardous waste or hazardous waste constituents contamination at and from the Facility into the environment, particularly at the above mentioned SWMUs.

2.4. The hazardous waste and hazardous waste constituents of concern identified at the Facility are metals, volatile and semi-volatile organic compounds, pH and petroleum hydrocarbons.

2.5. The hazardous wastes or hazardous waste constituents have migrated or may migrate from the Facility into the environment through the following pathways: subsurface soils, groundwater, airborne dust particulate matter, and rain surface runoff water.

2.6. The Facility is located in the vicinity of light industrial area in San Diego County.

2.7. Releases from the Facility may migrate or may have migrated toward subsurface soil, rain surface runoff water, and groundwater. Workers at the Facility or nearby residents may become exposed to the contaminated soil on site during work related activities, future expansion, and/or facility remodeling.

PROJECT COORDINATOR

3. Within 14 days of the effective date of this Consent Agreement, DTSC and Respondent shall each designate a Project

Coordinator and shall notify each other in writing of the Project Coordinator selected. Each Project Coordinator shall be responsible for overseeing the implementation of this Consent Agreement and for designating a person to act in his/her absence. All communications between Respondent and DTSC, and all documents, report approvals, and other correspondence concerning the activities performed pursuant to this Consent Agreement shall be directed through the Project Coordinators. Each party may change its Project Coordinator with at least seven days prior written notice.

WORK TO BE PERFORMED

4. Respondent agrees to perform the work required by this Consent Agreement in accordance with the applicable state and federal laws, their implementing regulations, and the applicable DTSC and the United States Environmental Protection Agency guidance documents.

INTERIM MEASURES (IM)

5.1. Respondent shall evaluate available data and assess the need for interim measures in addition to those specifically required by this Consent Agreement. Interim measures shall be used whenever possible to control or abate any imminent and substantial endangerment to human health and/or the environment, and to prevent and/or minimize any significant spread of contaminants while long-term corrective action alternatives are being evaluated.

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5.2. Within 30 days of the effective date of this Consent Agreement, Respondent shall submit a Current Conditions Report to DTSC. The Current Conditions Report is subject to approval by DTSC and shall be developed in a manner consistent with the Scope of Work for a Facility Investigation contained in Attachment 4. The Current Conditions Report shall contain an assessment of interim measures. The assessment must include both previously implemented interim measures and other interim measures that could be implemented at the Facility. The assessment must also identify any additional data needed for making decisions on interim measures. This new data or information shall be collected during the early stages of the RCRA Facility Investigation. DTSC will review the Respondent's assessment and determine which interim measures, if any, Respondent will implement at the Facility. If deemed appropriate by DTSC, such determination may be deferred until additional data are collected.

5.3. If at any time Respondent identifies an immediate or potential threat to human health and/or the environment, discovers new releases of hazardous waste and/or hazardous waste constituents, or discovers new solid waste management units not previously identified, Respondent shall notify DTSC Project Coordinator orally within 48 hours of discovery and notify DTSC in writing within 10 days of discovery summarizing the findings, including the immediacy and magnitude of the potential threat to human health and/or the environment. Within 30 days of receiving

DTSC's written request to respond to an imminent and substantial threat to human health or the environment, Respondent shall submit to DTSC an IM Workplan for approval. The IM Workplan shall include a schedule for submitting to DTSC an IM Operation and Maintenance Plan and IM Plans and Specifications. The IM Workplan, IM Operation and Maintenance Plan, and IM Plans and Specifications shall be developed in a manner consistent with the Scope of Work for Interim Measures Implementation contained in as Attachment 1. If DTSC determines that immediate action is required, DTSC Project Coordinator may orally authorize the Respondent to act prior to DTSC's receipt of the IM Workplan.

5.4. If DTSC identifies an immediate or potential threat to human health and/or the environment, discovers new releases of hazardous waste and/or hazardous waste constituents, or discovers new solid waste management units not previously identified, DTSC will notify Respondent in writing. Within 30 days of receiving DTSC's written notification of an imminent and substantial threat to human health or the environment, discovery of new releases of hazardous waste and/or hazardous waste constituents, or discovery of new solid waste management units not previously identified, Respondent shall submit to DTSC for approval an IM Workplan that identifies Interim Measures that will mitigate the threat. The IM Workplan shall include a schedule for submitting to DTSC an IM Operation and Maintenance Plan and IM Plans and Specifications. The IM Workplan, IM Operation and Maintenance Plan, and IM Plans and Specifications shall be developed in a manner consistent with

the Scope of Work for Interim Measures Implementation contained in as Attachment 1. If DTSC determines that immediate action is required, DTSC Project Coordinator may orally authorize Respondent to act prior to receipt of the IM Workplan.

5.5. All IM Workplans shall ensure that the Interim Measures are designed to mitigate current or potential threats to human health and/or the environment, and should, to the extent practicable, be consistent with the objectives of, and contribute to the performance of, any remedy which may be required at the Facility.

5.6. Concurrent with the submission of an IM Workplan, Respondent shall submit to DTSC a Health and Safety Plan in accordance with the Scope of Work for a Health and Safety Plan contained in Attachment 2.

5.7. Concurrent with the submission of an IM Workplan, Respondent shall submit to DTSC for approval a Community Profile in accordance with Attachment 3. Based on the information provided in the Community Profile, if DTSC determines that there is a high level of community concern about the Facility, DTSC may require Respondent to prepare a Public Participation Plan.

FACILITY INVESTIGATION (FI)

6.1. Within 30 days of the effective date of this Consent Agreement, Respondent shall submit to DTSC a Workplan for a Facility Investigation ("FI Workplan"). The Current Conditions Report and FI Workplan are subject to approval by DTSC and shall be developed in a manner consistent with the Scope of Work for a

Facility Investigation contained in Attachment 4. DTSC will review the Current Conditions Report and FI Workplan and notify Respondent in writing of DTSC's approval or disapproval.

6.2. The FI Workplan shall detail the methodology to:

(1) gather data needed to make decisions on interim measures/stabilization during the early phases of the RCRA Facility Investigation; (2) identify and characterize all sources of contamination; (3) define the nature, degree and extent of contamination; (4) define the rate of movement and direction of contamination flow; (5) characterize the potential pathways of contaminant migration; (6) identify actual or potential human and/or ecological receptors; and (7) support development of alternatives from which a corrective measure will be selected by DTSC. A specific schedule for implementation of all activities shall be included in the FI Workplan.

6.3. Respondent shall submit a FI Report to DTSC for approval in accordance with DTSC-approved FI Workplan schedule. The FI Report shall be developed in a manner consistent with the Scope of Work for a Facility Investigation contained in Attachment 4. If there is a phased investigation, separate FI Reports and a report that summarizes the findings from all phases of the FI must be submitted to DTSC. DTSC will review the FI Report(s) and notify Respondent in writing of DTSC's approval or disapproval.

6.4. Concurrent with the submission of a FI Workplan, Respondent shall submit to DTSC a Health and Safety Plan in

accordance with Attachment 2. If Workplans for both an IM and FI are required by this Consent Agreement, Respondent may submit a single Health and Safety Plan that addresses the combined IM and FI activities.

6.5. DTSC may require Respondent to prepare a FI Summary Fact Sheet. If required, Respondent shall submit a FI Summary Fact Sheet to DTSC that summarizes the findings from all phases of the FI. The FI Summary Fact Sheet shall be submitted to DTSC in accordance with the schedule contained in the approved FI Workplan. DTSC will review the FI Summary Fact Sheet and notify Respondent in writing of DTSC's approval or disapproval, including any comments and/or modifications. When DTSC approves the FI Summary Fact Sheet, Respondent shall mail the approved FI Summary Fact Sheet to all individuals on a mailing list established pursuant to California Code Regulations, title 22, section 66271.9(c)(1)(D), within 15 calendar days of receipt of written approval.

6.6. Concurrent with the submission of a FI Workplan, Respondent shall submit to DTSC for approval a Community Profile in accordance with Attachment 3. Based on the information provided in the Community Profile and any Supplement to the Community Profile, if DTSC determines that there is a high level of community concern about the Facility, Respondent shall prepare a Public Participation Plan.

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RISK ASSESSMENT

7. Based on the information available to DTSC, Respondent may be required to conduct a Risk Assessment to evaluate potential human health risk and ecological risk and to establish site-specific action levels and cleanup standards. If DTSC determines that a Risk Assessment is required, Respondent shall submit to DTSC for approval a Risk Assessment Workplan within 60 days of receipt of DTSC's determination. Respondent shall submit to DTSC for approval a Risk Assessment Report in accordance with DTSC-approved Risk Assessment Workplan schedule.

CORRECTIVE MEASURES STUDY (CMS)

8.1. Respondent shall prepare a Corrective Measures Study, if contaminant concentrations exceed human health-based or ecologically-based action levels established by the DTSC-approved Risk Assessment Report if one is required under this Consent Agreement, or if DTSC otherwise determines that the contaminant releases pose a potential threat to human health or the environment.

8.2. Within 30 days of DTSC's notification to Respondent whether a CMS is required, Respondent shall submit a CMS Workplan to DTSC. The CMS Workplan is subject to approval by DTSC and shall be developed in a manner consistent with the Scope of Work for a Corrective Measures Study contained in Attachment 5.

8.3. The CMS Workplan shall detail the methodology for developing and evaluating potential corrective measures to remedy any contamination at the Facility. The CMS Workplan shall

identify the potential corrective measures, including any innovative technologies, that may be used for the containment, treatment, remediation, and/or disposal of contamination.

8.4. Respondent shall prepare treatability studies for all potential corrective measures that involve treatment except where Respondent can demonstrate to DTSC's satisfaction that they are not needed. The CMS Workplan shall include, at a minimum, a summary of the proposed treatability study including a conceptual design, a schedule for submitting a treatability study workplan, or Respondent's justification for not proposing a treatability study.

8.5. Respondent shall submit a CMS Report to DTSC for approval in accordance with DTSC-approved CMS Workplan schedule. The CMS Report shall be developed in a manner consistent with the Scope of Work for a Corrective Measures Study contained in Attachment 5. DTSC will review the CMS Report and notify Respondent in writing of DTSC's approval or disapproval.

REMEDY SELECTION

9.1. DTSC will provide the public with an opportunity to review and comment on the final draft of the CMS Report, DTSC's proposed corrective measures for the Facility, and DTSC's justification for selection of such corrective measures. Depending on the level of community concern, DTSC may conduct a public hearing to obtain comments.

9.2. Following the public comment period, DTSC may select final corrective measures or require Respondent to revise

the CMS Report and/or perform additional corrective measures studies.

9.3. DTSC will notify Respondent of the final corrective measures selected by DTSC in the Final Decision and Response to Comments. The notification will include DTSC's reasons for selecting the corrective measures.

CORRECTIVE MEASURES IMPLEMENTATION (CMI)

10.1. Within 60 days of Respondent's receipt of notification of DTSC's selection of the corrective measures, Respondent shall submit to DTSC a Corrective Measures Implementation (CMI) Workplan. The CMI Workplan is subject to approval by DTSC and shall be developed in a manner consistent with the Scope of Work for Corrective Measures Implementation contained in Attachment 6.

10.2. Concurrent with the submission of a CMI Workplan, Respondent shall submit to DTSC a Health and Safety Plan in accordance with Attachment 2.

10.3. Concurrent with the submission of a CMI Workplan, Respondent shall submit to DTSC for approval a Community Profile in accordance with Attachment 3. Based on the information provided in the Community Profile and any Supplement to the Community Profile, if DTSC determines that there is a high level of community concern about the Facility, DTSC may require Respondent to prepare a Public Participation Plan.

10.4. The CMI program shall be designed to facilitate the design, construction, operation, maintenance, and monitoring

of corrective measures at the Facility. In accordance with the schedule contained in the approved CMI Workplan, Respondent shall submit to DTSC the documents listed below, to the extent applicable. These documents shall be developed in a manner consistent with the Scope of Work for Corrective Measures Implementation contained in Attachment 6.

- o Operation and Maintenance Plan
- o Draft Plans and Specifications
- o Final Plans and Specifications
- o Construction Workplan
- o Construction Completion Report
- o Corrective Measures Completion Report

10.5. DTSC will review all required CMI documents and notify Respondent in writing of DTSC's approval or disapproval.

10.6. As directed by DTSC, within 90 days of DTSC's approval of all required CMI documents, Respondent shall establish a financial assurance mechanism for Corrective Measures Implementation. The financial assurance mechanisms may include a performance or surety bond, liability insurance, an escrow performance guarantee account, a trust fund, financial test, or corporate guarantee as described in California Code of Regulations, title 22, section 66265.143 or any other mechanism acceptable to DTSC. The mechanism shall be established to allow DTSC access to the funds to undertake Corrective Measures Implementation tasks if Respondent is unable or unwilling to undertake the required actions.

CALIFORNIA ENVIRONMENTAL QUALITY ACT

11. DTSC must comply with the California Environmental Quality Act (CEQA) insofar as activities required by this Consent Agreement are projects subject to CEQA. Respondent shall provide all information necessary to facilitate any CEQA analysis. DTSC will make an initial determination regarding the applicability of CEQA. If the activities are not exempt from CEQA, DTSC will conduct an Initial Study. Based on the results of the Initial Study, DTSC will determine if a Negative Declaration or an Environmental Impact Report (EIR) should be prepared. DTSC will prepare and process any such Negative Declaration. However, should DTSC determine that an EIR is necessary, such an EIR would be prepared under a separate agreement between DTSC and Respondent.

DTSC APPROVAL

12.1. Respondent shall revise any workplan, report, specification, or schedule in accordance with DTSC's written comments. Respondent shall submit to DTSC any revised documents by the due date specified by DTSC. Revised submittals are subject to DTSC's approval or disapproval.

12.2. Upon receipt of DTSC's written approval, Respondent shall commence work and implement any approved workplan in accordance with the schedule and provisions contained therein.

12.3. Any DTSC-approved workplan, report, specification, or schedule required under this Consent Agreement shall be deemed

incorporated into this Consent Agreement.

12.4. Verbal advice, suggestions, or comments given by DTSC representatives will not constitute an official approval or decision.

SUBMITTALS

13.1. Beginning with the first full month following the effective date of this Consent Agreement, Respondent shall provide DTSC with quarterly progress reports of corrective action activities conducted pursuant to this Consent Agreement. Progress reports are due on the first day of the first month following the close of each reporting period. The progress reports shall conform to the Scope of Work for Progress Reports contained in Attachment 7. DTSC may adjust the frequency of progress reporting to be consistent with site-specific activities.

13.2. Any report or other document submitted by Respondent pursuant to this Consent Agreement shall be signed and certified by the project coordinator, a responsible corporate officer, or a duly authorized representative.

13.3. The certification required by paragraph 13.2 above, shall be in the following form:

I certify that the information contained in or accompanying this submittal is true, accurate, and complete. As to those portions of this submittal for which I cannot personally verify the accuracy, I certify that this submittal and all attachments were prepared at

my direction in accordance with procedures designed to assure that qualified personnel properly gathered and evaluated the information submitted.

Signature: _____

Name: _____

Title: _____

Date: _____

13.4. Respondent shall provide two copies of all documents, including but not limited to, workplans, reports, and correspondence. Submittals specifically exempted from this copy requirement are all progress reports and correspondence of less than 15 pages, of which one copy is required.

13.5. Unless otherwise specified, all reports, correspondence, approvals, disapprovals, notices, or other submissions relating to this Consent Agreement shall be in writing and shall be sent to the current Project Coordinators.

PROPOSED CONTRACTOR/CONSULTANT

14. All work performed pursuant to this Consent Agreement shall be under the direction and supervision of a professional engineer or registered geologist, registered in California, with expertise in hazardous waste site cleanup. Respondent's contractor or consultant shall have the technical expertise sufficient to fulfill his or her responsibilities. Within 14 days of the effective date of this Consent Agreement, Respondent shall notify DTSC Project Coordinator in writing of the name, title, and qualifications of the professional engineer

or registered geologist and of any contractors or consultants and their personnel to be used in carrying out the terms of this Consent Agreement.

ADDITIONAL WORK

15. DTSC may determine or Respondent may propose that certain tasks, including investigatory work, engineering evaluation, or procedure/methodology modifications are necessary in addition to, or in lieu of, the tasks and deliverables included in any part of DTSC-approved workplans. DTSC shall request in writing that Respondent perform the additional work and shall specify the basis and reasons for DTSC's determination that the additional work is necessary. Within 14 days after the receipt of such determination, Respondent may confer with DTSC to discuss the additional work DTSC has requested. If required by DTSC, Respondent shall submit to DTSC a workplan for the additional work. Such workplan shall be submitted to DTSC within 30 days of receipt of DTSC's determination or according to an alternate schedule established by DTSC. Upon approval of a workplan, Respondent shall implement it in accordance with the provisions and schedule contained therein. The need for, and disputes concerning, additional work are subject to the dispute resolution procedures specified in this Consent Agreement.

QUALITY ASSURANCE

16.1. All sampling and analyses performed by Respondent under this Consent Agreement shall follow applicable DTSC and USEPA guidance for sampling and analysis. Workplans shall

contain quality assurance/quality control and chain of custody procedures for all sampling, monitoring, and analytical activities. Any deviations from the approved workplans must be approved by DTSC prior to implementation, must be documented, including reasons for the deviations, and must be reported in the applicable report.

16.2. The names, addresses, and telephone numbers of the California State certified analytical laboratories Respondent proposes to use must be specified in the applicable workplans.

SAMPLING AND DATA/DOCUMENT AVAILABILITY

17.1. Respondent shall submit to DTSC upon request the results of all sampling and/or tests or other data generated by its employees, agents, consultants, or contractors pursuant to this Consent Agreement.

17.2. Respondent shall notify DTSC in writing at least seven days prior to beginning each separate phase of field work approved under any workplan required by this Consent Agreement. If Respondent believes it must commence emergency field activities without delay, Respondent may seek emergency telephone authorization from DTSC Project Coordinator or, if the Project Coordinator is unavailable, his/her Branch Chief, to commence such activities immediately.

17.3. At the request of DTSC, Respondent shall provide or allow DTSC or its authorized representative to take split or duplicate samples of all samples collected by Respondent pursuant to this Consent Agreement. Similarly, at the request of

Respondent, DTSC shall allow Respondent or its authorized representative to take split or duplicate samples of all samples collected by DTSC under this Consent Agreement.

ACCESS

18. Subject to the Facility's security and safety procedures, Respondent agrees to provide DTSC and its representatives access at all reasonable times to the Facility and any off-site property to which access is required for implementation of this Consent Agreement and shall permit such persons to inspect and copy all records, files, photographs, documents, including all sampling and monitoring data, that pertain to work undertaken pursuant to this Consent Agreement and that are within the possession or under the control of Respondent or its contractors or consultants.

RECORD PRESERVATION

19.1. Respondent shall retain, during the pendency of this Consent Agreement and for a minimum of six years after its termination, all data, records, and documents that relate in any way to the performance of this Consent Agreement or to hazardous waste management and/or disposal at the Facility. Respondent shall notify DTSC in writing 90 days prior to the destruction of any such records, and shall provide DTSC with the opportunity to take possession of any such records. Such written notification shall reference the effective date, caption, and docket number of this Consent Agreement and shall be addressed to:

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Stephen W. Lavinger, Chief
Tiered Permitting and Corrective Action Branch
Hazardous Waste Management Program
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630

19.2. If Respondent retains or employs any agent, consultant, or contractor for the purpose of carrying out the terms of this Consent Agreement, Respondent will require any such agents, consultants, or contractors to provide Respondent a copy of all documents produced pursuant to this Consent Agreement.

19.3. All documents pertaining to this Consent Agreement shall be stored in a central location at the Facility, or at a location otherwise agreed to by the parties, to afford easy access by DTSC and its representatives.

DISPUTE RESOLUTION

20.1. The parties agree to use their best efforts to resolve all disputes informally. The parties agree that the procedures contained in this section are the sole administrative procedures for resolving disputes arising under this Consent Agreement. If Respondent fails to follow the procedures contained in this section, it shall have waived its right to further consideration of the disputed issue.

20.2. If Respondent disagrees with any written decision by DTSC pursuant to this Consent Agreement, Respondent's Project Coordinator shall orally notify DTSC's Project Coordinator of the dispute. The Project Coordinators shall attempt to resolve the dispute informally.

20.3. If the Project Coordinators cannot resolve the dispute informally, Respondent may pursue the matter formally by placing its objection in writing. Respondent's written objection must be forwarded to:

Stephen W. Lavinger, Chief
Tiered Permitting and Corrective Action Branch
Hazardous Waste Management Program
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, California 90630

A copy to DTSC's Project Coordinator. The written objection must be mailed to the Branch Chief within 14 days of Respondent's receipt of DTSC's written decision. Respondent's written objection must set forth the specific points of the dispute and the basis for Respondent's position.

20.4. DTSC and Respondent shall have 14 days from DTSC's receipt of Respondent's written objection to resolve the dispute through formal discussions. This period may be extended by DTSC for good cause. During such period, Respondent may meet or confer with DTSC to discuss the dispute.

20.5. After the formal discussion period, DTSC will provide Respondent with its written decision on the dispute. DTSC's written decision will reflect any agreements reached during the formal discussion period and be signed by the Branch Chief or his/her designee.

20.6. During the pendency of all dispute resolution procedures set forth above, the time periods for completion of work required under this Consent Agreement that are affected by

such dispute shall be extended for a period of time not to exceed the actual time taken to resolve the dispute. The existence of a dispute shall not excuse, toll, or suspend any other compliance obligation or deadline required pursuant to this Consent Agreement.

RESERVATION OF RIGHTS

21.1. DTSC reserves all of its statutory and regulatory powers, authorities, rights, and remedies, which may pertain to Respondent's failure to comply with any of the requirements of this Consent Agreement. Respondent reserves all of its statutory and regulatory rights, defenses and remedies, as they may arise under this Consent Agreement. This Consent Agreement shall not be construed as a covenant not to sue, release, waiver, or limitation on any powers, authorities, rights, or remedies, civil or criminal, that DTSC or Respondent may have under any laws, regulations or common law.

21.2. DTSC reserves the right to disapprove of work performed by Respondent pursuant to this Consent Agreement and to request that Respondent perform additional tasks.

21.3. DTSC reserves the right to perform any portion of the work consented to herein or any additional site characterization, feasibility study, and/or remedial actions it deems necessary to protect human health and/or the environment. DTSC may exercise its authority under any applicable state or federal law or regulation to undertake response actions at any time. DTSC reserves its right to seek reimbursement from

Respondent for costs incurred by the State of California with respect to such actions. DTSC will notify Respondent in writing as soon as practicable regarding the decision to perform any work described in this section.

21.4. If DTSC determines that activities in compliance or noncompliance with this Consent Agreement have caused or may cause a release of hazardous waste and/or hazardous waste constituents, or a threat to human health and/or the environment, or that Respondent is not capable of undertaking any of the work required, DTSC may order Respondent to stop further implementation of this Consent Agreement for such period of time as DTSC determines may be needed to abate any such release or threat and/or to undertake any action which DTSC determines is necessary to abate such release or threat. The deadlines for any actions required of Respondent under this Consent Agreement affected by the order to stop work shall be extended to take into account DTSC's actions.

21.5. This Consent Agreement is not intended to be nor shall it be construed to be a permit. This Consent Agreement is not a substitute for, and does not preclude DTSC from requiring, any hazardous waste facility permit, post closure permit, closure plan or post closure plan. The parties acknowledge and agree that DTSC's approval of any workplan, plan, and/or specification does not constitute a warranty or representation that the workplans, plans, and/or specifications will achieve the required cleanup or performance standards. Compliance by Respondent with

the terms of this Consent Agreement shall not relieve Respondent of its obligations to comply with the Health and Safety Code or any other applicable local, state, or federal law or regulation.

21.6. Except as otherwise provided in this Consent Agreement, Respondent Reserves any and all rights, including but not limited to rights of contribution or indemnification, for all costs, losses, liabilities and damages incurred by Respondent in connection with the Facility, or for complying with the requirements of this Consent Agreement.

OTHER CLAIMS

22. Except as provided in this Consent Agreement, nothing in this Consent Agreement shall constitute or be construed as a release by DTSC or Respondent from any claim, cause of action, or demand in law or equity against any person, firm, partnership, or corporation for any liability it may have arising out of or relating in any way to the generation, storage, treatment, handling, transportation, release, or disposal of any hazardous constituents, hazardous substances, hazardous wastes, pollutants, or contaminants found at, taken to, or taken or migrating from the Facility.

COMPLIANCE WITH WASTE DISCHARGE REQUIREMENTS

23. Respondent shall comply with all applicable waste discharge requirements issued by the State Water Resources Control Board or a California regional water quality control board.

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OTHER APPLICABLE LAWS

24. All actions required by this Consent Agreement shall be conducted in accordance with the requirements of all local, state, and federal laws and regulations. Respondent shall obtain or cause its representatives to obtain all permits and approvals necessary under such laws and regulations.

REIMBURSEMENT OF DTSC'S COSTS

25.1. Respondent shall pay DTSC's costs incurred in the implementation of this Consent Agreement.

25.2. An estimate of DTSC's costs is attached as Exhibit A showing the amount of \$39, 836. It is understood by the parties that this amount is only a cost estimate for the activities shown on Exhibit A and it may differ from the actual costs incurred by DTSC in overseeing these activities or in implementing this Consent Agreement. DTSC will provide additional cost estimates to Respondent as the work progresses under the Consent Agreement.

25.3. Respondent shall make an advance payment to DTSC in the amount of \$19,918 within 30 days of the effective date of this Consent Agreement. If the advance payment exceeds DTSC's costs, DTSC will refund the balance within 120 days after the execution of the Acknowledgment of Satisfaction pursuant to Section 27 of this Consent Agreement.

25.4. DTSC will provide Respondent with a billing statement at least quarterly, which will include the name(s) of the employee(s), identification of the activities, the amount of

time spent on each activity, and the hourly rate charged. If Respondent does not pay an invoice within 60 days of the date of the billing statement, the amount is subject to interest as provided by Health and Safety Code section 25360.1.

25.5. DTSC will retain all costs records associated with the work performed under this Consent Agreement as required by state law. DTSC will make all documents that support the DTSC's cost determination available for inspection upon request, as provided by the Public Records Act.

25.6. Any dispute concerning DTSC's costs incurred pursuant to this Consent Agreement is subject to the Dispute Resolution provision of this Consent Agreement and the dispute resolution procedures as established pursuant to Health and Safety Code section 25269.2. DTSC reserves its right to recover unpaid costs under applicable state and federal laws.

25.7. All payments shall be made within 30 days of the date of the billing statement by check payable to the Department of Toxic Substances Control and shall be sent to:

Accounting Unit
Department of Toxic Substances Control
P. O. Box 806
Sacramento, California 95812-0806

All checks shall reference the name of the Facility, the Respondent's name and address, and the docket number of this Consent Agreement. Copies of all checks and letters transmitting such checks shall be sent simultaneously to DTSC's Project Coordinator.

MODIFICATION

26.1. This Consent Agreement may be modified by mutual agreement of the parties. Any agreed modification shall be in writing, shall be signed by both parties, shall have as its effective date the date on which it is signed by all the parties, and shall be deemed incorporated into this Consent Agreement.

26.2. Any requests for revision of an approved workplan requirement must be in writing. Such requests must be timely and provide justification for any proposed workplan revision. DTSC has no obligation to approve such requests, but if it does so, such approval will be in writing and signed by the Chief, Southern California Branch, Hazardous Waste Management Program, Department of Toxic Substances Control, or his or her designee. Any approved workplan revision shall be incorporated by reference into this Consent Agreement.

26.3. If, for any reason, Respondent is unable to perform any activity or submit any document or other deliverable within the time required under this Consent Agreement, Respondent will request, in writing, an extension of the time specified. In the event Respondent is unable to make a timely written request for an extension in writing, Respondent will make a verbal request to DTSC's Project Coordinator for the Facility, to be followed within two (2) working days by written request. In respect to deliverables, any written or oral request for extension must be received by DTSC before the deadline for such deliverable. Any extension request shall set forth a

justification for the delay and new schedule. If DTSC determines that good cause exist for an extension, it will grant the request. Respondent shall comply with the new schedule.

26.4. Force Majeure. Respondent shall cause all work to be performed within the time limits set forth in this Consent Agreement, unless performance is delayed by events that constitute an event of force majeure. For purposes of this Consent Agreement, an event of force majeure is an event arising from circumstances beyond the reasonable control of Respondent which delays performance of any obligation under this Consent Agreement and Respondent shall have undertaken appropriate planning to have avoided such foreseeable circumstances. Increase in cost of performing the work specified in this Consent Agreement shall not be considered circumstances beyond the control of Respondent. For purposes of this Consent Agreement, event which constitute a force majeure shall include, without limitation, events, such as acts of God, war, civil commotion, unusually severe weather, labor difficulties, shortages of labor, materials or equipment government moratorium, delays in obtaining the necessary permits due to action or inaction of third parties, earthquake, fire, flood and other casualty. Delay caused by an event of force majeure shall be deemed not to be a violation of this Consent Agreement, and such delay shall not be counted in determining the time during which such work shall be completed, or such act performed, whether such time be designated by a fixed date, a fixed time or a reasonable time, and such time shall be

deemed to be extended for the effective period of delay equal to the actual days lost attributable to the effect of force majeure. Respondent shall promptly notify DTSC verbally to be followed in writing after the occurrence of the event. Such notification shall describe the anticipated length of the delay, the cause or causes of the delay, the measures taken and to be taken by Respondent to minimize the delay and the timetable by which these measures will be implemented.

TERMINATION AND SATISFACTION

27. The provisions of this Consent Agreement shall be deemed satisfied upon the execution by both parties of an Acknowledgment of Satisfaction (Acknowledgment). DTSC will prepare the Acknowledgment for Respondent's signature. The Acknowledgment will specify that Respondent has demonstrated to the satisfaction of DTSC that the terms of this Consent Agreement including payment of DTSC's costs have been satisfactorily completed. The Acknowledgment will affirm Respondent's continuing obligation to preserve all records after the rest of the Consent Agreement is satisfactorily completed.

EFFECTIVE DATE

28. The effective date of this Consent Agreement shall be the date on which this Consent Agreement is signed by all the parties. Except as otherwise specified, "days" means calendar days.

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SIGNATORIES

29. Each undersigned representative certifies that he or she is fully authorized to enter into this Consent Agreement.

DATE June 17, 2003

BY: Original signed by Mike Hasukawa
Representing Respondent

Mike Hasukawa, Vice President
Name and title of Respondent's
Representative

DATE: June 24, 2003

BY: Original signed by Stephen Lavinger

Stephen W. Lavinger, Chief
Tiered Permitting and Corrective
Action Branch
Hazardous Waste Management Program
Department of Toxic Substances Control

This Corrective Action Consent Agreement posted on DTSC's website does not include all attachments from the original document. If you need copies of a specific document, please contact the DTSC project manager listed in the document.